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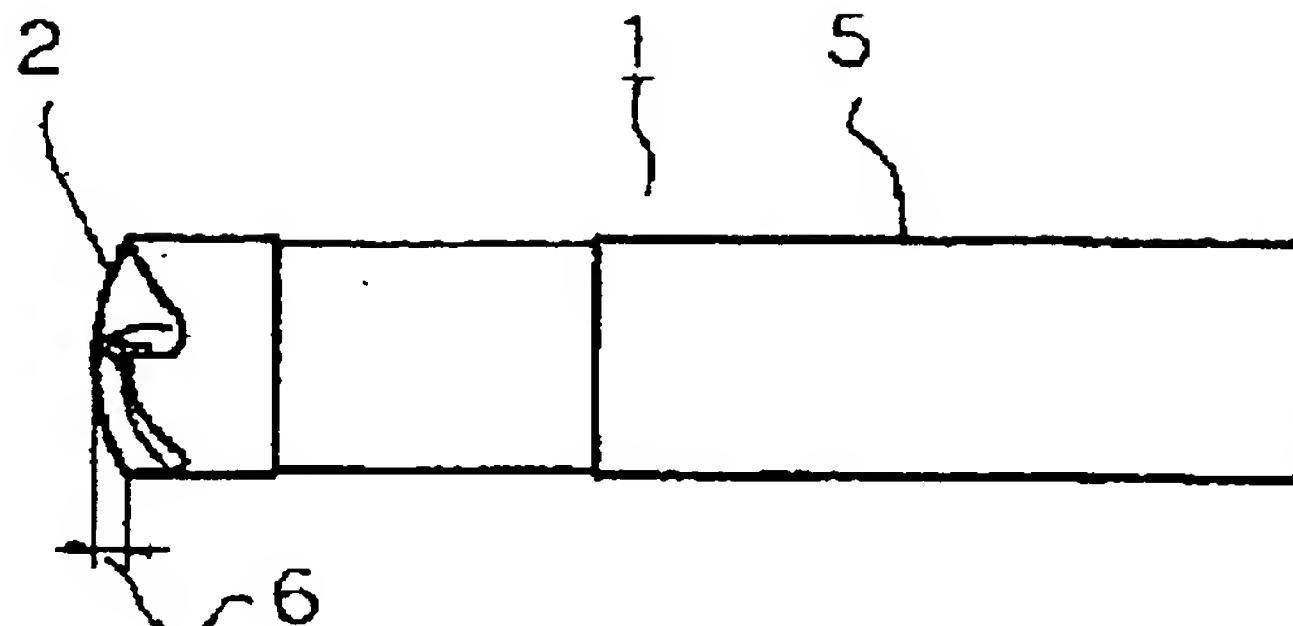
APPLICATION DATE : 25-11-97
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APPLICANT : HITACHI TOOL ENG LTD;

INVENTOR : YOSHITOSHI SHIGEYASU;

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TITLE : CIRCULAR ARC BLADE END MILL



ABSTRACT : PROBLEM TO BE SOLVED: To provide an end mill, excellent in cutting efficiency and suitable in finishing application, used to three-dimensional curved surface working having loose irregularity in a die, etc.

SOLUTION: In a solid end mill equipped with a circular arc cutting blade 2, having a profile inscribing a sphere on one end of a main body 1, and a shank 5 on another end, the circular arc radius of a circular arc cutting blade 1 is 0.6-1.5 times the end mill diameter, and the cutting blade 2 is arranged protrudedly toward a rotation direction.

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